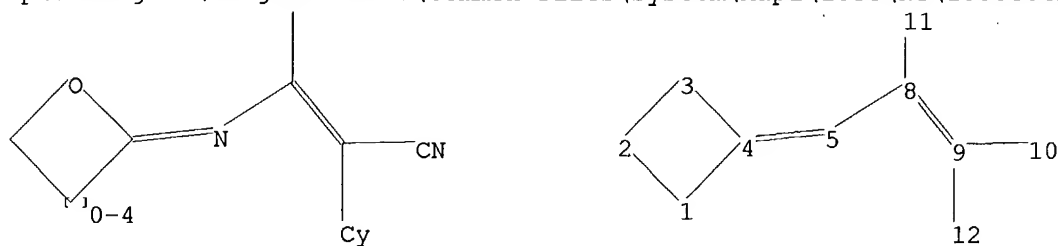


L Number	Hits	Search Text	DB	Time stamp
1	1191	((546/316) or (546/314) or (558/393)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/12 16:04
2	933	((549/399) or (549/466) or (546/116)).CCLS.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/12 16:04
3	2801531	2003.py. or 2004.py.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/12 16:04
4	69	((546/316) or (546/314) or (558/393)).CCLS.) and (2003.py. or 2004.py.)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/12 16:04
5	1001	((549/399) or (549/466) or (546/116)).CCLS.) or (((546/316) or (546/314) or (558/393)).CCLS.) and (2003.py. or 2004.py.))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/12 16:04

=>

Uploading C:\Program Files\Common Files\System\Mapi\1033\NT\10083842 (claim 9).str



chain nodes :

5 8 9 10 12

ring nodes :

1 2 3 4

ring/chain nodes :

11

chain bonds :

4-5 5-8 8-9 8-11 9-10 9-12

ring bonds :

1-2 1-4 2-3 3-4

exact/norm bonds :

1-2 1-4 2-3 3-4 4-5 5-8 9-12

exact bonds :

8-9 8-11 9-10

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS

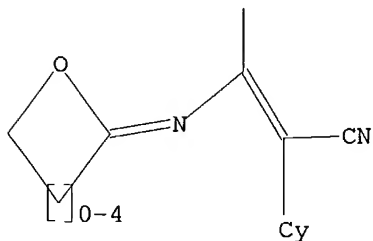
12:Atom

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam

SAMPLE SEARCH INITIATED 15:24:18 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 4 TO ITERATE

100.0% PROCESSED 4 ITERATIONS 0 ANSWERS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED ITERATIONS: 4 TO 200
 PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss fu;
 COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID
 The query entered contains both search terms created by
 structure-building or screen commands and text search terms. L#s
 created via the STRUCTURE or SCREEN commands must be searched in the
 structures files separately from text terms or profiles. The L#
 answer sets from structure searches can be used in crossover searches
 and can be combined with text terms.

=> s l1 sss ful
 FULL SEARCH INITIATED 15:24:56 FILE 'REGISTRY'
 FULL SCREEN SEARCH COMPLETED - 126 TO ITERATE

100.0% PROCESSED 126 ITERATIONS 6 ANSWERS
 SEARCH TIME: 00.00.01

L3 6 SEA SSS FUL L1

=> => s l3
 L4 1 L3

=> d l4 bib,ab,hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 2003:455063 CAPLUS
 DN 139:36346
 TI Novel cyanoenamines useful as ligands for modulating gene expression in plants or animals
 IN Grina, Jonas
 PA USA
 SO U.S. Pat. Appl. Publ., 114 pp.
 CODEN: USXXCO
 DT Patent
 LA English
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2003109705	A1	20030612	US 2002-83842	20020227
PRAI	US 2001-272905P	P	20010302		
OS	MARPAT 139:36346				

AB Compds. I [R1 = (cyclo)alkyl, bicycloalkyl, adamantyl, polyhaloalkyl, etc.; R2-3 = (un)substituted Ph, pyridinyl, pyrimidinyl, etc.; R4 = H, alkylthio, alkoxyalkyl, etc.] and tautomers thereof are useful as ligands for modulating gene expression in plants or animals. For instance, 3,5-dimethylphenylacetonitrile is reacted sequentially with n-BuLi (THF, 5°) followed by trimethylacetonitrile (THF, overnight, room temperature); the resulting adduct is acylated with the acid chloride of 3-methoxy-2-methylbenzoic acid to give II.

IT **539844-64-9P 539844-66-1P 539844-68-3P**
539844-70-7P 539844-72-9P 539844-74-1P

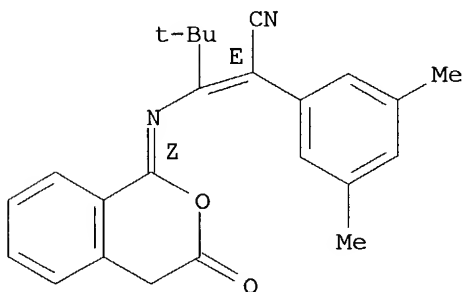
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(novel cyanoenamines useful as ligands for modulating gene expression in plants or animals)

RN 539844-64-9 CAPLUS

CN Benzeneacetonitrile, α -[1-[(Z)-(3,4-dihydro-3-oxo-1H-2-benzopyran-1-ylidene)amino]-2,2-dimethylpropylidene]-3,5-dimethyl-, (α E)- (9CI)
 (CA INDEX NAME)

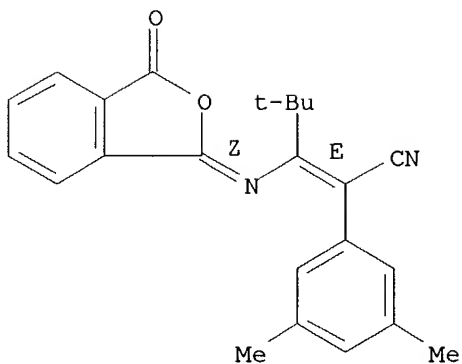
Double bond geometry as shown.



RN 539844-66-1 CAPLUS

CN Benzeneacetonitrile, α -[2,2-dimethyl-1-[(Z)-(3-oxo-1(3H)-isobenzofuranylidene)amino]propylidene]-3,5-dimethyl-, (α E)- (9CI)
 (CA INDEX NAME)

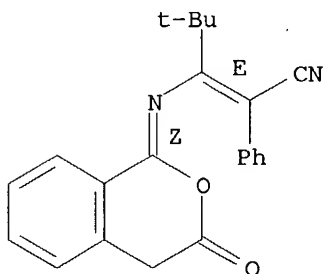
Double bond geometry as shown.



RN 539844-68-3 CAPLUS

CN Benzeneacetonitrile, α -[1-[(Z)-(3,4-dihydro-3-oxo-1H-2-benzopyran-1-ylidene)amino]-2,2-dimethylpropylidene]-, (α E)- (9CI) (CA INDEX NAME)

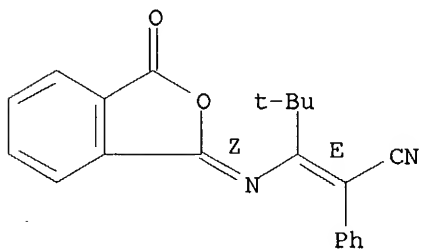
Double bond geometry as shown.



RN 539844-70-7 CAPLUS

CN Benzeneacetonitrile, α -[2,2-dimethyl-1-[(Z)-(3-oxo-1(3H)-isobenzofuranylidene)amino]propylidene]-, (α E)- (9CI) (CA INDEX NAME)

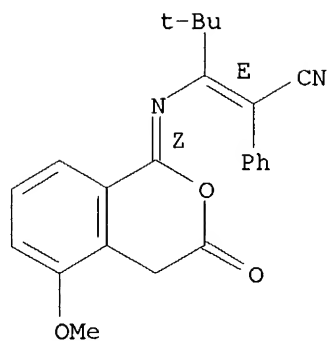
Double bond geometry as shown.



RN 539844-72-9 CAPLUS

CN Benzeneacetonitrile, α -[1-[(Z)-(3,4-dihydro-5-methoxy-3-oxo-1H-2-benzopyran-1-ylidene)amino]-2,2-dimethylpropylidene]-, (α E)- (9CI) (CA INDEX NAME)

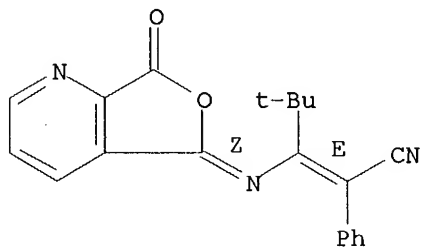
Double bond geometry as shown.



RN 539844-74-1 CAPLUS

CN Benzeneacetonitrile, α -[2,2-dimethyl-1-[(Z)-(7-oxofuro[3,4-b]pyridin-5(7H)-ylidene)amino]propylidene]-, (α E)- (9CI) (CA INDEX NAME)

Double bond geometry as shown.



=> => d his

(FILE 'HOME' ENTERED AT 15:23:49 ON 12 JUN 2004)

FILE 'REGISTRY' ENTERED AT 15:23:54 ON 12 JUN 2004

L1 STRUCTURE UPLOADED

L2 0 S L1 SSS SAM

L3 6 S L1 SSS FUL

FILE 'CAPLUS' ENTERED AT 15:25:08 ON 12 JUN 2004

L4 1 S L3

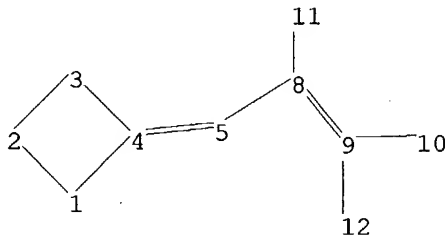
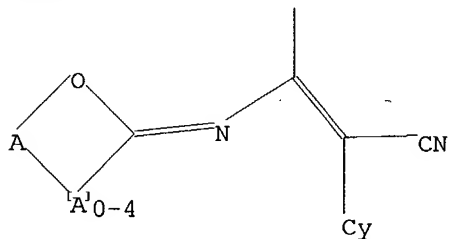
FILE 'CAOLD' ENTERED AT 15:25:36 ON 12 JUN 2004

=> s 13

L5 0 L3

=> ==>

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chain nodes :

5 8 9 10 12

ring nodes :

1 2 3 4

ring/chain nodes :

11

chain bonds :

4-5 5-8 8-9 8-11 9-10 9-12

ring bonds :

1-2 1-4 2-3 3-4

exact/norm bonds :

1-2 1-4 2-3 3-4 4-5 5-8 9-12

exact bonds :

8-9 8-11 9-10

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS

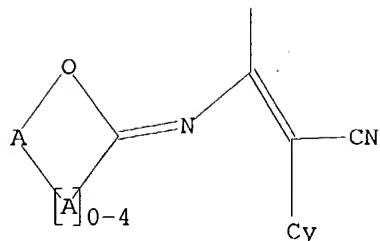
12:Atom

L6 STRUCTURE UPLOADED

=> d 16

L6 HAS NO ANSWERS

L6 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l6 sss sam

SAMPLE SEARCH INITIATED 15:26:49 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED ITERATIONS: 5 TO 234
PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

=> s l6 sss ful

FULL SEARCH INITIATED 15:27:05 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 136 TO ITERATE

100.0% PROCESSED 136 ITERATIONS
SEARCH TIME: 00.00.01

6 ANSWERS

L8 6 SEA SSS FUL L6

=> s l8 not l3

L9 0 L8 NOT L3

=> log y

COST IN U.S. DOLLARS

SINCE FILE
ENTRY

TOTAL
SESSION

FULL ESTIMATED COST

155.84

317.50

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE
ENTRY

TOTAL
SESSION

CA SUBSCRIBER PRICE

0.00

-0.69

STN INTERNATIONAL LOGOFF AT 15:27:18 ON 12 JUN 2004